

DATA-LINC GROUP PRODUCT SELECTION MATRIX — WIRELESS & WIRE

Wireless Product	Interface Type	Configurable as	Maximum RF Data Rate	Freq Band & Modulation	Data Encryption	RF Power Output	Max Distance w/LOS (Line-of Sight) up to
SmartSpectrum Radio Modems (SRM)							
SRM6030	Serial RS232/RS485	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
SRM6130				2.4GHz FHSS		500mW 100mW (EU)	10+ miles (16+ Km) 3.4 miles (5.6Km)
SRM6230	Ethernet 10/100Mbps	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
SRM6330				2.4GHz FHSS		500mW 100mW (EU)	10+ miles (16+ Km) 3.4 miles (5.6Km)

Communication Interface I/O Extender (CIX) Protocol to I/O & I/O to I/O

CIX6435	Serial RS232/RS485 & E-net 10/100Mbps	Master	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
CIX5435				2.4GHz FHSS		500mW 100mW (EU)	10+ miles (16+ Km) 3.4 miles (5.6Km)
CIX6430	Discrete/Analog I/O	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	1W	25+ miles (40+ km)
CIX6530				2.4GHz FHSS		500mW 100mW (EU)	10+ miles (16+ Km) 3.4 miles (5.6Km)
CIX/EXR	Discrete/Analog I/O	Extender for Master or Remote CIX					

PlantLinc Lower Range (PLR)

PLR6030	Serial RS232/RS485	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6130				2.4GHz FHSS		250mW	2 miles (3.2Km)
PLR6230	Ethernet 10/100Mbps	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6330				2.4GHz FHSS		250mW	2 miles (3.2Km)
PLR6435	Serial RS232/RS485 & E-net 10/100Mbps	Master	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6535				2.4GHz FHSS		250mW	2 miles (3.2Km)
PLR6430	Discrete/Analog I/O	Master/Remote/Repeater/Repeater-Remote	154 Kbps	900 MHz FHSS	AES-256 bit	500mW	5 miles (8 km)
PLR6530				2.4GHz FHSS		250mW	2 miles (3.2Km)
CIX/EXR	Discrete/Analog I/O	Extender for Master or Remote PLR					

FastLinc High-speed Ethernet (FLC)

FLC910E*	Ethernet 10/100Mbps	Base Station/Station Adapter/Repeater/Interbuilding Repeat	54 Mbps	900 MHz DSSS OFDM	AES-256 bit	316 mW	11 miles (17.7 km)
FLC830E*	Ethernet 10/100Mbps	Base Station/Station Adapter/Repeater/Interbuilding Repeat	54 Mbps	2.4 GHz DSSS OFDM 802.11b/g	AES-256 bit	200 mW 100mW (EU)	6 miles (9.6 km) 0.3 miles (500 m)

* FLC910E & FLC830E are a SAA-V Solution (SCADA & Alert A-V) supporting SCADA and video on a single network for cost-effective coverage from process to perimeter.

Wired Product	Version	Interface	Maximum Data Rate	Line Type	Architecture	Distance up to
DLM4000	—	Serial RS232, RS485 or 422	19.2 Kbps (1200-115.2 Kbps available)	Dial-Up/Leased Line/Dedicated Wire	Point-to-point	Unloaded line 20 mi (32 km); unlimited loaded lines & dial-up
DLM4500	—	Serial RS232, RS485 or 422	19.2 Kbps	Dial-Up/Leased Line/Dedicated Wire	Point-to-point	
LLM1100	v.23/Bell 202	RSR232 (RS422/RS485 available)	1200 Bps	Leased Line/Dedicated Wire	Point-to-point Point-to-multipoint	
MDL500 MR MDL500 LR	Medium & Long Range	RSR232 (RS422/RS485 available)	9600 Bps	Dedicated Wire	Point-to-point Point-to-multipoint	2-wire 3.8 mi (6.1 km) 4-wire 7.6 mi (12.2 km)

Product offerings and specifications may change without notice. Please contact **DATA-LINC** for the latest updates.

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